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NOTICE OF ALLOWANCE AND FEE(S) DUE

826

7590

05/02/2008

ALSTON & BIRD LLP
BANK OF AMERICA PLAZA
101 SOUTH TRYON STREET, SUITE 4000
CHARLOTTE, NC 28280-4000

EXAMINER

PHU, SANH D

ART UNIT

PAPER NUMBER

2618

DATE MAILED: 05/02/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,010	03/01/2002	Pekka Kostainen	042933/301626	1138

TITLE OF INVENTION: FUNCTIONAL COVER FOR USE WITH A WIRELESS TERMINAL

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	08/04/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE** OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
 or Fax **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

826 7590 05/02/2008

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CHARLOTTE, NC 28280-4000

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/085,010 03/01/2002

Pekka Kostianen

042933/301626

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TITLE OF INVENTION: FUNCTIONAL COVER FOR USE WITH A WIRELESS TERMINAL

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	08/04/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
PHU, SANH D	2618	455-090000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB-112) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB-47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

1

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 385 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 385 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No.

10/085,010

Examiner

/Sanh D. Phu/

Applicant(s)

KOSTIAINEN ET AL.

Art Unit

2618

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed on 4/15/08.
 2. ☒ The allowed claim(s) is/are 13-15, 17-19, 21-25, 27, 28, 30, 31 and 34-39.
 3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

1. This Office Action is responsive to the Amendment filed on 4/15/2008.

REASONS FOR ALLOWANCE

2. Claims 13-15, 17-19, 2125, 27, 28, 30, 31, 34-39 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Claims 13-15, 17-19, 2125, 27, 28, 30, 31, 34-39 are allowable over the prior art of record for the reason as stated in the Applicant's Remark dated on 4/15/2008 pages 9-10 and the reasons as below:

Regarding to claim 13, none of the prior art of record teaches or suggests A method of operating electrical circuitry included in an user exchangeable cover part that is electrically interconnected to a wireless terminal by an electrical connector, the method comprising: an electrical circuitry, wherein the electrical circuitry that is operated in dependence upon the identification of the user exchangeable cover part comprises circuitry for supporting a user interface of the wireless terminal and circuitry in addition to or other than circuitry included within a display screen of the user interface, and wherein the connector has a plurality of pins, and at least one of the connector pins is

operated in an identification state for sensing a circuit element value included in an identification unit configured to identify the class of the user exchangeable cover part and which is part of the user exchangeable cover part, and afterwards is operated in an operation state for transferring electrical signals between the wireless terminal and the electrical circuitry of the user exchangeable cover part. It would not have been obvious for a person skilled in the art to combine other prior arts of record in order to arrive at the claimed invention.

Regarding to claim 15, none of the prior art of record teaches or suggests A wireless communication terminal comprising a user exchangeable cover part and a display screen, wherein the wireless communication terminal and user exchangeable cover part are electrically interconnected by an electrical connector wherein: the user exchangeable cover part comprises an identification unit; the wireless terminal is configured to identify the user exchangeable cover part by detecting the identification unit the wireless terminal is configured to operate the electrical circuitry of the user exchangeable cover part, including the circuitry for supporting the user

interface, in dependence upon the identification unit of the user exchangeable cover part; the connector includes a plurality of connector pins arranged in line and separated by an equal distance; and at least one of the connector pins is configured to be operated in an identification state for sensing a circuit element value included in the identification unit, and in an operation state for transferring electrical signals between the wireless terminal and the electrical circuitry of the user exchangeable cover part.. It would not have been obvious for a person skilled in the art to combine other prior arts of record in order to arrive at the claimed invention.

Regarding to claim 22, none of the prior art of record teaches or suggests A user exchangeable cover part comprising: an electrical connector part for electrically connecting to a wireless communication terminal in an attached position including an identification unit; and electrical circuitry for supporting a user interface of the wireless terminal, the electrical circuitry comprising circuitry in addition to or other than electrical circuitry included within the display screen, wherein the user exchangeable cover part allows the wireless communication terminal to operate the electrical circuitry of the user

exchangeable cover part, including the electrical circuitry for supporting the user interface, in dependence upon the identification unit of the user exchangeable cover part; and wherein the connector part is configured to be operated in an identification state for sensing a circuit element value included in the identification unit, and in an operation state for transferring electrical signals between the wireless terminal and the electrical circuitry of the user exchangeable cover part. It would not have been obvious for a person skilled in the art to combine other prior arts of record in order to arrive at the claimed invention.

Regarding to claim 23, none of the prior art of record teaches or suggests An exchangeable cover part comprising: electrical circuitry for supporting a user interface of a wireless terminal releasably attached to the exchangeable cover part; an electrical connector part for electrically connecting the electrical circuitry to the wireless communication terminal; and an illumination unit supported by the electrical circuitry, wherein the electrical circuitry is configured to cause the illumination unit to illuminate based upon a ringing signal received from the wireless terminal through the electrical connector part.

It would not have been obvious for a person skilled in the art to combine other prior arts of record in order to arrive at the claimed invention.

Regarding to claim 24, none of the prior art of record teaches or suggests An exchangeable cover part comprising: a an electrical connector for electrically connecting the electrical circuitry to a wireless communication terminal releasably attached to the exchangeable cover part, wherein the electrical connector is configured to transmit the signal to the wireless communication terminal; and an identification unit configured to identify the user exchangeable cover part, the identification unit comprising a circuit element having a circuit element value, wherein the electrical connector is further configured to be operated in an identification state for sensing the circuit element value included in the identification unit for identifying the user exchangeable cover part.. It would not have been obvious for a person skilled in the art to combine other prior arts of record in order to arrive at the claimed invention.

Regarding to claim 30, none of the prior art of record teaches or suggests An exchangeable cover part comprising: an electrical connector for transmitting data between the electrical circuitry and the wireless communication terminal;

wherein the electrical circuitry comprises a memory device containing data to be downloaded to the wireless communication terminal via the electrical connector for execution by the wireless communication terminal; and wherein the data to be downloaded includes gaming executables. It would not have been obvious for a person skilled in the art to combine other prior arts of record in order to arrive at the claimed invention.

Regarding to claim 34, none of the prior art of record teaches or suggests An apparatus for operating electrical circuitry included in a user exchangeable cover part that is electrically interconnected to a wireless terminal by an electrical connector, the apparatus comprising: means for identifying a class of the user exchangeable cover part; and means for operating the electrical circuitry of the user exchangeable cover part in dependence upon an identification of the user exchangeable cover part, wherein the electrical circuitry that is operated in dependence upon the identification of the user exchangeable cover part comprises circuitry for supporting a user interface of a wireless terminal and circuitry in addition to or other than circuitry included within a display screen of the user interface, and wherein the electrical

connector has a plurality of pins, and at least one of the connector pins is operated in an identification state for sensing a circuit element value included in the means for identifying which is configured to identify the class of the user exchangeable cover part and which is part of the user exchangeable cover part, and afterwards is operated in an operation state for transferring electrical signals between the wireless terminal and the electrical circuitry of the user exchangeable cover part. It would not have been obvious for a person skilled in the art to combine other prior arts of record in order to arrive at the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sanh D. Phu whose telephone number is (571)272-7857. The examiner can normally be reached on M-Fr from 8:00-16:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on (571) 272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Sanh D Phu/
Primary Examiner
Art Unit 2618

SP